

SPE RESPONSE FOR CERTIFICATE OF CORRECTION

DATE : 9-27-07

Paper No.: _____

TO SPE OF : ART UNIT 2643

SUBJECT : Request for Certificate of Correction for Appl. No. 6882711 (09/454219)

Please respond to this request for a certificate of correction within 7 days.

Please review the requested changes/corrections as shown in the **COCIN** document(s) in the IFW application image. No new matter should be introduced, nor should the scope or meaning of the claims be changed.

Please complete the response (see below) and forward the completed response to scanning using document code **COCX**.

Should Request be entered? Drawings, etc.

Shanks

E. J. Jones
Certificates of Correction Branch
703-308-9390 ext. 116

Thank You For Your Assistance

The request for issuing the above-identified correction(s) is hereby:

Note your decision on the appropriate box.

☐ **Approved**

All changes apply.

☒ **Approved in Part**

Specify below which changes do not apply.

☐ **Denied**

State the reasons for denial below.

Comments: THE PTO DOESN'T HAVE THE PETITIONS
FILED 9/18/2000 AND 5/18/2001 AS INDICATED
BY THE APPLICANT. THEREFORE, THE CHANGES TO
THE INVENTORSHIP SHOULD NOT BE MADE

CURTIS KUNTZ
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600

Art Unit



CJC

PATENT
36105/RRT/B600

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. Patent No. : 6,882,711 Confirmation No. 3501
Issued : April 19, 2005
Inventor(s) : Jordan James Nicol, et al.
Application No. : 09/454,219
Filed : December 9, 1999
Title : PACKET BASED NETWORK EXCHANGE WITH RATE
SYNCHRONIZATION

REQUEST FOR CERTIFICATE OF CORRECTION

Office of Certificates of Correction
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

P. O. Box 7068
Pasadena, CA 91109-7068
September 26, 2005

Commissioner:

Submitted herewith are two copies of a proposed Certificate of Correction for the above-referenced patent. The errors are identified in detail in the proposed certificate, and the corresponding text in the application is located as follows:

Location in Patent

Location in Application

PTO errors:

On the Title Page

(12) United States Patent
Nicol

Petition to Add Inventors dated September 19, 2000 and
Amendment and Petition to Delete Inventors dated May 18,
2001

(75) Inventors

Petition to Add Inventors dated September 19, 2000 and
Amendment and Petition to Delete Inventors dated May 18,
2001

(60) Related U.S. Application Data

Amendment dated May 18, 2001

(56) References Cited
U.S. Patent Documents

IDS filed May 18, 2001

(56) References Cited
OTHER PUBLICATIONS

IDS filed Aug. 10, 2000

Certificate
SEP 30 2005
of Correction

09/28/2005 RFEKADU1 00000005 6882711

01 FC:1811

100.00 DP

I hereby certify that this correspondence is being deposited with the
U.S. Postal Service as first class mail in an envelope addressed to:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-
1450
[Signature]
(Date of Deposit)

OCT 5 2005

U.S. Patent No. 6,882,711

(56) References Cited
OTHER PUBLICATIONS

IDS filed Aug. 10, 2000

(56) References Cited
OTHER PUBLICATIONS

IDS filed Aug. 10, 2000

(56) References Cited
OTHER PUBLICATIONS

IDS filed Aug. 10, 2000

(56) References Cited
OTHER PUBLICATIONS

IDS filed Aug. 10, 2000

(56) References Cited
OTHER PUBLICATIONS
IEEE; IEEE Standards for Local and
Metropolitan Area Networks

IDS filed July 19, 2001

(56) References Cited
OTHER PUBLICATIONS

Attachment to IDS to be Considered by Examiner but Not to
be Printed on the Patent filed Aug. 15, 2002

Applicant errors:

On the Title Page

(56) References Cited
OTHER PUBLICATIONS
International Telecommunication Union,
CCITT-The International Telegraph and
Telephone Consultative. . .

IDS filed July 19, 2001

(56) References Cited
OTHER PUBLICATIONS
International Telecommunication Union,
CCITT-The International Telegraph and
Telephone Consultative. . .

IDS filed July 19, 2001

In the Claims

Column 38, line 61, Claim 22

Amendment dated Aug. 25, 2004, pg. 8, Old Claim 79

In the Drawings

FIG. 3, Sheet 3 of 14

Informal drawings as originally submitted, FIG. 3

FIG. 13, Sheet 12 of 14

Informal drawings as originally submitted, FIG. 13

U.S. Patent No. 6,882,711

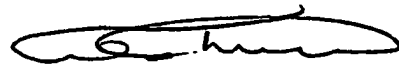
Applicant(s) errors were unintentional and inadvertent, and were made in good faith through oversight. Correction is accordingly requested under 35 U.S.C. § 255, and our check for the \$100 statutory fee is enclosed. Any deficiency or overpayment should be charged or credited to Deposit Account No. 03-1728. Please show our docket number with any credit or charge to our Deposit Account.

Correction of applicant(s) errors does not constitute new matter or require reexamination. Approval of this certificate is respectfully requested

Respectfully submitted,

CHRISTIE, PARKER & HALE, LLP

By



Raymond R. Tabandeh
Reg. No. 43,945
626/795-9900

RRT/clv

Enclosures: Certificate of Correction (2)
Check \$100

CLV PAS643844.1-* -09/19/05 9:05 AM

UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO. : 6,882,711
DATED : Apr. 19, 2005
INVENTOR(S) : Nicol et al.

Page 1 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

(12) United States Patent
Nicol

Delete "Nicol",
Insert --Nicol et al.--

(75) Inventors

After "Vancouver (CA)",
Insert --; Henry Li, Vancouver (CA); David M. Enns, Vancouver (CA); Kenny C. Kwan, New Westminster (CA)--

(60) Related U.S. Application
Data

Delete "No. 60/157,470, filed November 10, 1999",
Insert --No. 60/164,689, filed November 10, 1999--

(56) References Cited
U.S. Patent Documents

Insert --4,617,676 A 10/1986 Jayant et al.
5,339,384 A 08/1994 Chen
5,452,289 A 09/1995 Sharma, et al.
5,471,470 A 11/1995 Sharma, et al.
5,577,041 A 11/1996 Sharma, et al.
5,600,649 A 02/1997 Sharma, et al.
5,764,627 A 06/1998 Sharma, et al.
5,790,532 A 04/1998 Sharma, et al.--

(56) References Cited
OTHER PUBLICATIONS

Insert -- International Telecommunication Union, Data Communication Over The Telephone Network, 1200 Bits Per Second Duplex Modem Standardized For Use In The General Switched Telephone Network And On Point-To-Point 2-Wire Leased Telephone-Type Circuits, ITU-T Recommendation V.22, (Extract from the Blue Book)--

MAILING ADDRESS OF SENDER:

CHRISTIE, PARKER & HALE, LLP.
P.O. Box 7068
Pasadena, California 91109-7068

PATENT NO.

6,882,711

No. of additional copies



This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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OCT 5 2005

**UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION**

PATENT NO. : 6,882,711
DATED : Apr. 19, 2005
INVENTOR(S) : Nicol et al.

Page 2 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**(56) References Cited
OTHER PUBLICATIONS**

Insert -- International Telecommunication Union, Data Communication Over The Telephone Network, 2400 Bits Per Second Duplex Modem Using The Frequency Division Technique Standardized For Use On The General Switched Telephone Network And On Point-To-Point 2-Wire Leased Telephone-Type Circuits, ITU-T Recommendation V.22 bis, (Extract from the Blue Book)--

**(56) References Cited
OTHER PUBLICATIONS**

Insert -- International Telecommunication Union, Data Communication Over The Telephone Network, A Family Of 2-Wire, Duplex Modems Operating At Data Signaling Rates Of Up To 9600 bit/s For Use On The General Switched Telephone Network And On Leased Telephone-Type Circuits, ITU-T Recommendation V.32 (03/93), (Previously "CCITT Recommendation")--

**(56) References Cited
OTHER PUBLICATIONS**

Insert -- International Telecommunication Union, Data Communication Over The Telephone Network, A Duplex Modem Operating At Data Signalling Rates Of Up To 14 400 bit/s For Use On The General Switched Telephone Network And On Leased Point-To-Point 2-Wire Telephone-Type Circuits, Recommendation V.32 bis, Geneva, 1991--

**(56) References Cited
OTHER PUBLICATIONS**

Insert -- International Telecommunication Union, Data Communication Over The Telephone Network, A Modem Operating At Data Signalling Rates Of Up To 28 800 bit/s For Use On The General Switched Telephone Network And On Leased Point-To-Point 2-Wire Telephone-Type Circuits, ITU-T Recommendation V.34 09/1994 (Previously "CCITT Recommendation")--

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PATENT NO. 6,882,711

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DATED : Apr. 19, 2005
INVENTOR(S) : Nicol et al.

Page 3 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below.

(56) References Cited
OTHER PUBLICATIONS
International
Telecommunication Union,
CCITT-The International
Telegraph and Telephone
Consultative. . .

Delete "A2-Wire",
Insert --A 2-Wire--

(56) References Cited
OTHER PUBLICATIONS
International
Telecommunication Union,
CCITT-The International
Telegraph and Telephone
Consultative. . .

Delete "bit's""",
Insert --bit/s"--

(56) References Cited
OTHER PUBLICATIONS
IEEE; IEEE Standards for
Local and Metropolitan Area
Networks

Delete "Specifications, Media",
Insert --Specifications, "Media--

MAILING ADDRESS OF SENDER:

CHRISTIE, PARKER & HALE, LLP.
P.O. Box 7068
Pasadena, California 91109-7068

PATENT NO.

6,882,711

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PATENT NO. : 6,882,711
DATED : Apr. 19, 2005
INVENTOR(S) : Nicol et al.

Page 4 of 4

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

**(56) References Cited
OTHER PUBLICATIONS**

Delete "U.S. Appl. No. 09/639,527, Aug. 16, 2000, Jordan James Nicol.
U.S. Appl. No. 09/493,458, filed Jan. 28, 2000, Henry Li.
U.S. Appl. No. 09/643,920, filed Aug. 23, 2000, Onur Tackin et al.
U.S. Appl. No. 09/692,554, filed Oct. 19, 2000, Wilf Le Blanc et al.
U.S. Appl. No. 09/644,586, filed Aug. 23, 2000, Henry Li.
U.S. Appl. No. 09/643,921, filed Aug. 23, 2000, Wilf Le Blanc et al.
U.S. Appl. No. 09/653,261, filed Aug. 31, 2000, Onur Tackin et al.
U.S. Appl. No. 09/654,376, filed Sep. 1, 2000, Onur Tackin.
U.S. Appl. No. 09/533,022, filed Mar. 22, 2000, Wilf Le Blanc et al.
U.S. Appl. No. 09/697,777, filed Oct. 26, 2000, Wilf Le Blanc et al.
U.S. Appl. No. 09/651,006, filed Aug. 29, 2000, Kenny C. Kwan.
U.S. Appl. No. 09/522,184, filed Mar. 9, 2000, Henry Li et al."

In the Claims

Column 38, line 61, Claim 22 Before "computer-readable media",
Insert --A--

In the Drawings

FIG. 3, Sheet 3 of 14 Delete Drawing Sheet 3 and substitute therefore the Drawing Sheet,
consisting of Fig. 3, as shown on the attached page

FIG. 13, Sheet 12 of 14 Delete Drawing Sheet 12 and substitute therefore the Drawing
Sheet, consisting of Fig. 13, as shown on the attached page

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CHRISTIE, PARKER & HALE, LLP.
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Pasadena, California 91109-7068

PATENT NO.

6,882,711

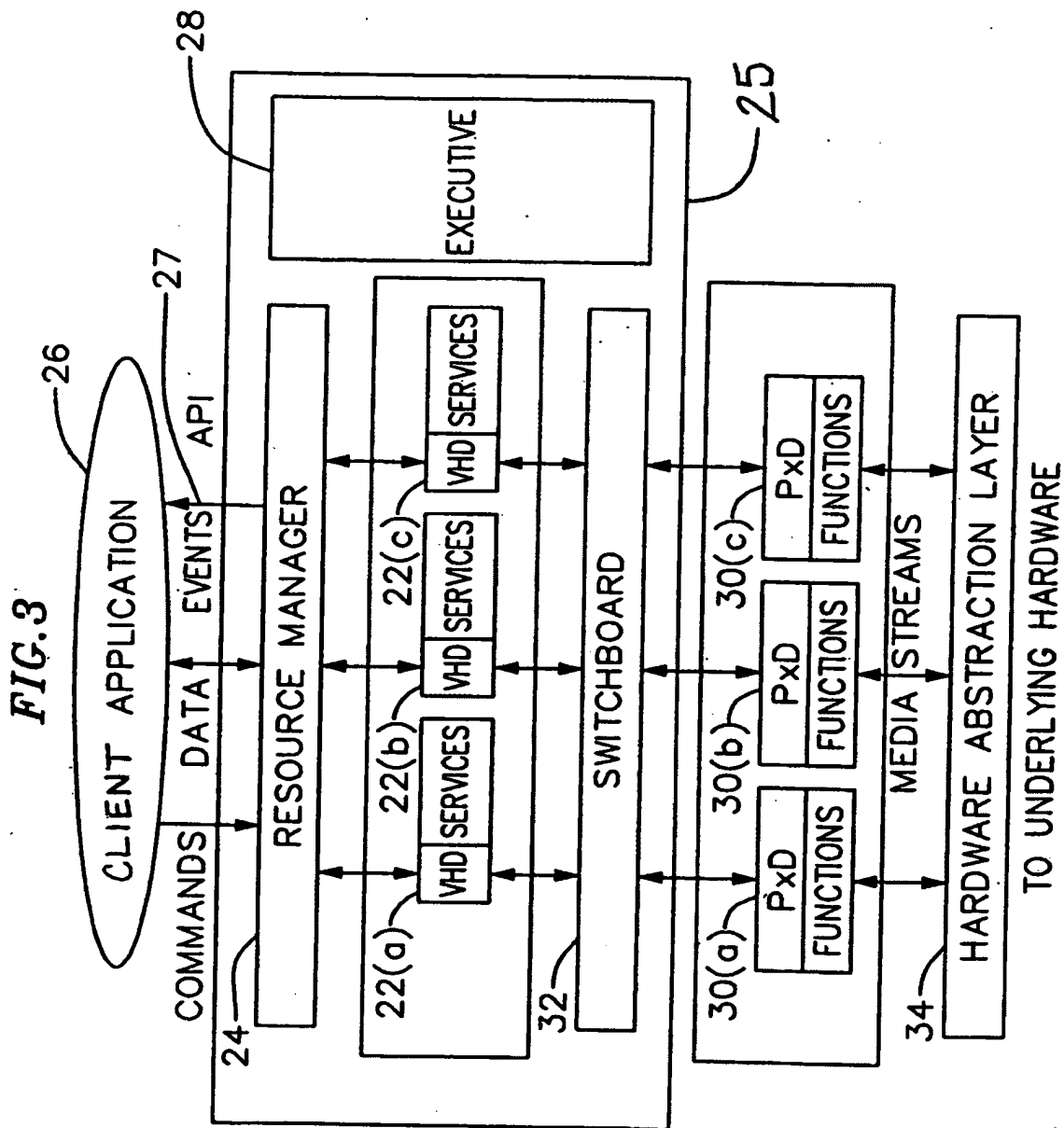
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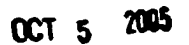


This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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OCT 5 2005







US006882711B1

(12) **United States Patent**
Nicol

(10) Patent No.: **US 6,882,711 B1**
(45) Date of Patent: **Apr. 19, 2005**

(54) **PACKET BASED NETWORK EXCHANGE
WITH RATE SYNCHRONIZATION**

(75) Inventor: **Jordan James Nicol, Vancouver (CA)**

(73) Assignee: **Broadcom Corporation, Irvine, CA
(US)**

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/454,219**

(22) Filed: **Dec. 9, 1999**

Related U.S. Application Data

(60) Provisional application No. 60/166,289, filed on Nov. 18, 1999, provisional application No. 60/164,690, filed on Nov. 10, 1999, provisional application No. 60/157,470, filed on Nov. 10, 1999, provisional application No. 60/164,379, filed on Nov. 9, 1999, provisional application No. 60/163,600, filed on Nov. 4, 1999, provisional application No. 60/163,170, filed on Nov. 2, 1999, provisional application No. 60/163,169, filed on Nov. 2, 1999, provisional application No. 60/162,315, filed on Oct. 28, 1999, provisional application No. 60/161,152, filed on Oct. 22, 1999, provisional application No. 60/160,124, filed on Oct. 18, 1999, provisional application No. 60/157,470, filed on Oct. 1, 1999, provisional application No. 60/156,266, filed on Sep. 27, 1999, and provisional application No. 60/154,903, filed on Sep. 20, 1999.

(51) Int. Cl.⁷ **H04M 11/00**

(52) U.S. Cl. **379/93.33; 379/90.01;
379/100.17**

(58) Field of Search **379/93.33, 90.01,
379/93.07, 93.31, 93.08, 100.14, 100.17;
370/352, 465, 468, 433, 435**

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,285,060 A	8/1981	Cobb et al.
5,119,322 A	6/1992	Stroobach
5,329,587 A	7/1994	Morgan et al.

(Continued)

OTHER PUBLICATIONS

WO 97/28628, Lin et al, Hybrid Network for real-time phone-to-phone voice communication, Aug. 1997.*

WO 97/26753, Wilkes et al., Facsimile Internet transmission System, Jul. 1997.*

International Telecommunication Union, ITU-T Telecommunication Standardization Sector of ITU, Data Communication Over the Telephone Network, "300 Bits Per Second Duplex Modem Standardized For Use in The General Switched Telephone Network," ITU-T Recommendation, 1988, 1993, 7 pages, V. 21, ITU.

International Telecommunication Union, CCITT—The International Telegraph and Telephone Consultative Committee, Data Communication Over the Telephone Network, "A2-Wire Modem for Facsimile Applications With Rates up to 14 400 bit/s" Recommendation, 1991, 13 pages, V. 17, ITU, Geneva.

(Continued)

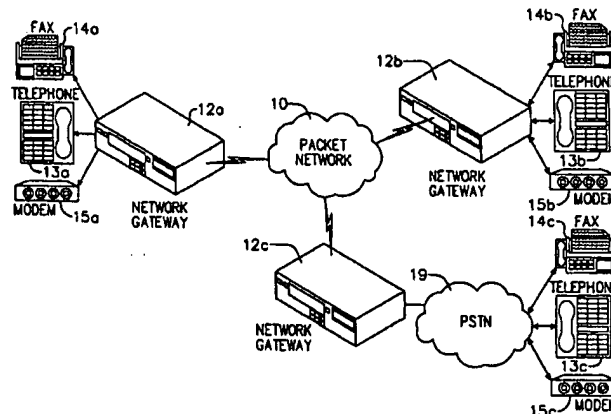
Primary Examiner—Melur Ramakrishnaiah

(74) *Attorney, Agent, or Firm*—Christie, Parker & Hale, LLP

(57) **ABSTRACT**

A signal processing system which discriminates between voice signals and data signals modulated by a voiceband carrier. The signal processing system includes a voice exchange, a data exchange and a call discriminator. The voice exchange is capable of exchanging voice signals between a circuit switched network and a packet based network. The signal processing system also includes a data exchange capable of exchanging data signals modulated by a voiceband carrier on the circuit switched network with unmodulated data signal packets on the packet based network. The data exchange is performed by demodulating data signals from the circuit switched network for transmission on the packet based network, and re-modulating data signal packets from the packet based network for transmission on the circuit switched network. The call discriminator is used to selectively enable the voice exchange and data exchange.

25 Claims, 14 Drawing Sheets





UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov



Bib Data Sheet

SERIAL NUMBER 09/454,219	FILING DATE 12/09/1999 RULE -	CLASS 379	GROUP ART UNIT 2748	ATTORNEY DOCKET NO. 36105/CAG/B600
APPLICANTS Jordan James Nicol, Vancouver, BC CANADA;				
** CONTINUING DATA ***** THIS APPLN CLAIMS BENEFIT OF 60/164,689 11/10/1999 WHICH CLAIMS BENEFIT OF 60/157,470 10/01/1999 WHICH CLAIMS BENEFIT OF 60/156,266 09/27/1999 WHICH CLAIMS BENEFIT OF 60/154,903 09/20/1999				
** FOREIGN APPLICATIONS *****				
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 03/13/2000				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		STATE OR COUNTRY BC	SHEETS DRAWING 13	TOTAL CLAIMS 45
			INDEPENDENT CLAIMS 5	
ADDRESS Parker & Hale LLP P O Box 7068 Pasadena, CA 91109-7068				
TITLE Packet Based Network Exchange With Rate Synchronization				
FILING FEE RECEIVED 1496	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	